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Notice of Allowability	Application No.	Applicant(s)	
	10/671,607	LYSEN, HEINRICH	
	Examiner	Art Unit	
	Isiaka O. Akanbi	2877	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6 April 2006.
2. ☒ The allowed claim(s) is/are 1,3-6 and 8-9.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

Amendment

The amendment filed 6 April 2006 has been entered into this application. Claims 2 and 7 are cancelled.

Response to Arguments

Applicant's arguments/remarks, see pages 5-7, filed 6 April 2006, with respect to the rejection(s) of claim(s) 1-8 under 35 U.S.C. 102(e) and 35 U.S.C. 103(a) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn.

Examiner's Reasons for Allowance

Claims 1, 3-6 and 8-9 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

As to claim 1, the examiner agrees with the applicant arguments that the prior art of record, taken alone or in combination, fails to disclose or render obvious wherein said at one exit window comprises first and second exit/entrance windows, each of which is at a different side of said beam-splitter from each other and said light beam transmitter, wherein the first and second exit/entrance windows are located at sides of the housing which are at right angles relative to each other in combination with the rest of the limitations of the claim. Claims 3 and 4 are allowable by virtue of their dependency.

As to claim 5, the prior art of record, taken alone or in combination, fails to disclose or render obvious a third transmitter/receiver, identical to said first transmitter/receiver, that is mountable on a second machine tool, wherein each said transmitter/receiver is operable for transmitting a light beam to at least one other of the transmitter/receivers and for receiving a light beam from at least one other of the transmitter/receivers for performing alignment measurements of said machine tools based on the positional relationship of the impact points of the light beams in each transmitter/receiver in combination with the rest of the limitations of the claim. Claims 6 and 9 are allowable by virtue of their dependency.

As to claim 8, the prior art of record, taken alone or in combination, fails to disclose or render obvious sending a third beam from said third transmitter/receiver to said second transmitter/receiver and to a target on the third machine tool, obtaining deviations of impact points of said first, second and third beams from the target located in each of the first, second and third transmitter receivers, and using the deviations obtained for determining an offset of spindles of the machine tools in combination with the rest of the limitations of the claim.

Conclusion


Fax/Telephone Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isiaka Akanbi whose telephone number is (571) 272-8658. The examiner can normally be reached on 8:00 a.m. - 4:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory J. Toatley Jr. can be reached on (571) 272-2059. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Isiaka Akanbi
June 7, 2006



LAYLA G. LAUCHMAN
PRIMARY EXAMINER